

Air-Conditioning Approaches and Systems

Moderated by

John M. Talbott

Building Systems Division

Office of Buildings and Community Systems
U.S. Department of Energy

- 9:00 Air-Conditioning Cost Reductions by Aerodynamic Disks**

*Dr. Andrew Wortman, ISTAR, Inc.,
Santa Monica, CA*

- 9:30 Anti-Gravitational Thermosiphons**

Dr. Donald Neerer, Los Alamos National Laboratory, Los Alamos, NM

- 10:00 Gas-Fired, Forced Air, High-Efficiency Furnace Without Electricity**

Peter Kneaskern, TRD Corp., Cleveland, OH

- 10:30 Novel Space-Conditioning Absorption Heat Pump**

Donald C. Erickson, Energy Concepts Co., Annapolis, MD

- 1:00 Absorption Steam Compressor for Building Cogeneration System**

Lawrence A. Howe, Energy Concepts Co., Annapolis, MD

- pm for Reclaiming Heat from Water**

John Vasile, Vasile & Greco, Inc.,

TERRY M. LEVINSON, CE-122
Mail Stop 5E-052
U.S. Department of Energy
Washington, D.C. 20585

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**U.S.
Build**

**Ft of Energy
fit Innovative Concepts Fair**

**Hyatt Regency Washington on Capitol Hill
Washington, D.C.
October 24, 1989**

- Yes I am attending the Fair.
- Yes I will be accompanying me and would like to go to Incheon.
- No I am attending the Fair but keep my name on file for bookings.

Name _____
(Please Print)

Company _____

Mailing Address _____

City _____ State _____ Zip _____

We request that you pay fees at registration time rather than sending payment in advance. Payment must be in the form of cash or check payable to the Hyatt Regency Washington. Credit cards will not be accepted for registration.

(separate cards here before mailing)

**Department of Energy
Retrofit Innovative Concepts Fair
October 24, 1989**

**Hyatt Regency Washington on Capitol Hill
Washington, D.C. 20001
(202) 737-1234**

\$: \$115/night, single or double occupancy, plus tax
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HYATT REGENCY WASHINGTON ON CAPITOL HILL
400 New Jersey Avenue, N.W.
Washington, D.C. 20001

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Session 2

Electrical and Control Systems

Moderated by

Glenn K. Ellis

Inventions and Innovation Division
Office of Energy Utilization Research
U.S. Department of Energy

- 9:00 Switch Reluctance Motor Drive for HVAC**
*Dr. Mehrdad Ehsani, Ehsani & Associates,
Bryan, TX*
- 9:30 Electronic Control for Thermostatic
Expansion Valves**
Joseph Marsala, North Cheimsford, MA
- 10:00 Brushless Magnetic Motors**
*Dr. Mehrdad Ehsani, Ehsani & Associates,
Bryan, TX*
- 10:30 Series (Two-Wire) V-Controller for Lighting**
*E.M. Talbott, Varilgas Research, Inc.,
Lutherville, MD*
- 11:00 Wicks Efficient Fuel Utilization System**
Dr. Frank Wicks, Schenectady, NY

Hotel Accomodations

Hyatt Regency Washington

A block of guest rooms has been reserved at the Hyatt Regency Washington for the nights of October 23-24, 1989. The special conference rate is \$115 per night for single or double occupancy. This rate does not include the 11 percent D.C. occupancy tax and a \$1.50 per room per night occupancy tax.

To reserve a room, please complete the enclosed hotel registration card, and mail it directly to the hotel. If you wish, you may telephone your reservation request directly to the Hyatt Regency Washington at (202) 737-1234. Please specify that you are attending the DOE Building Retrofit Innovative Concepts Fair. The cut-off date for reservations is September 23, 1989. Reservations received after the cut-off date will be honored on a space and rate available basis only.

The Hyatt-Regency Washington, located at 400 New Jersey Avenue, N.W., Washington, D.C., is just 2 blocks from the grounds of the U.S. Capitol and within walking distance of the Mall, Air and Space Museum, and Government buildings. In addition, the hotel is 2 blocks from the Judiciary Square Metro subway station and 4 blocks from the Union Station Metro station, which is also where AMTRAK is located.

For further information about the meeting, contact:

Ms. Terry M. Levinson, CE-122
Mail Stop 5E-052
U.S. Department of Energy
Washington, D.C. 20585
(202) 586-1478